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| BookingSystem |  |
| Responsibilities: | Collaborations: |
| Find shows based on title and date | Show |
| Print details of a show | Collection |
| Accept client’s chosen seat | Cinema |
| Receive client number (5) |  |
| Call to clients of shows (5) |  |
| Receive number of halls and their capacity (6) |  |
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|  |  |

* Show can be omitted from collaboration list and system can find Shows by Cinema.

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| Cinema |  |
| Responsibilities: | Collaborations: |
| Set a new hall with specific capacity (6) | Theater |
| Set a new show (7) | Show |
|  | Collection |
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| --- | --- |
| Show |  |
| Responsibilities: | Collaborations: |
| Get details of a show | Theater |
| Ability of reserving a seat | Collection |
| Ability of reserving a hall(theater) | Client |
| Get clients list (5) |  |
| Set a new show, name, duration, first and last date and… (7) |  |
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| --- | --- |
| Theater |  |
| Responsibilities: | Collaborations: |
| Accept reservation request | Row |
| Reserve row | Collection |
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| --- | --- |
| Row |  |
| Responsibilities: | Collaborations: |
| Reserve collection of seats | Seat |
| Receive request of seat reservation | Collection |
| Find seat by given number | Client |
| Find near seats (1) |  |
| Check left and right side then add a new seat (4) |  |
|  |  |

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| --- | --- |
| Seat |  |
| Responsibilities: | Collaborations: |
| Receive reservation |  |
| store state of a seat |  |
| Remove seat (3) |  |
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| --- | --- |
| Client |  |
| Responsibilities: | Collaborations: |
| Get name | Row |
| Get number (5) | Collection |
| Get row number | Seat |
| Show client’s reservation (2) (3) |  |
|  |  |
|  |  |